KHATSKEVICH, M.V.

AUTHOR: KORSHUNOV,N.S., KHATSKEVICH,M.V. 89-9-10/32

TITLE: A Flow Meter with Radioactive Float. (Raskhodomer s radioaktivnym datchikom)

PERIODICAL: Atomnaya Energiya, 1957, Vol 3, Nr 9, pp 250-252 (U.S.S.R.)

ABSTRACT: The construction of a flow meter is described in which a Co^{60} source (2 - 5 mC) is fitted on the float of the rotating indicator. The position of the float as a measure of the quantity of the flow is represented by the recordings of an ionization chamber. By means of two trial series (RDP - 1 - 100) and (RDP - 2 - 50) the consumption of carbon tetrachloride under laboratory conditions within the range of from 0,015 to 0,06 l/h and the water consumption within the range of from 0,2 to 2 l/h could be measured with an accuracy of ± 2,5%. (With 4 Illustrations and 4 Slavic References).

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED: 9.2.1957
AVAILABLE: Library of Congress

Card 1/1

56-34-4-3/60

AUTHORS: Khatskevich, M. V., Tsenter, E. M.

TITLE: The Yield of Electrons on the Action of γ-Quanta (Vykhod elektronov pod deystviyem γ-kvantov)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol. 34, Nr 4, pp. 807 - 810 (USSR)

ABSTRACT: This work determines experimentally and mathematically the absolute yield of electrons from an aluminum target on the action of γ-quanta with the energy 2,62 MeV. In the case of the presence of data on the relative yields the determination of the relative yield for any certain material at one single energy of the γ-quanta is sufficient to be able to go over to the absolute values for the other materials and energies. It is this problem that forms the subject of the present paper. As target material aluminum was chosen and the yield of electrons for the hard component of the radiation of ThC" (2,62 MeV) was chosen. First the authors discuss the computation of this yield. By this way for the quantity of the electrons per quantum of the energy impinging upon the target

Card 1/3

The Yield of Electrons on the Action of γ-Quanta

the value $\eta = 1,6.10^{-2}$ electrons per γ-quantum is found. For the experimental production of η a special counter tube of aluminum was made; its construction is illustrated by a figure. Another figure gives a survey of the whole experimental arrangement. The performance of the experiment shortly is described. 3 measuring series with repeated reading of the background and of the effect are performed. Between these measuring series the device always was adjusted anew. In these measurements the value $\eta = 1,3 \pm 0,2.10^{-2}$ electrons per quantum was obtained. On this occasion it was assumed that only quanta with the energy 2,62 MeV are acting. The measured quantity satisfactorily agrees with that computed. Starting from this quantity and from the data by G. I. Hine (Refs 7, 8) e.g. the absolute values of the yields of electrons per quantum (with the energy 2,62 MeV) can also be computed for other materials. The corresponding values found by H. Bradt et al. (Ref 8) are 1,6 to 2,4 times as high as the values found in this work; the quite intelligible reasons for this are shortly discussed. There are 4 figures, 1 table, and 13 references, 1 of which is Soviet.

56-34-4-3/60

The Yield of Electrons on the Action of γ-Quanta

SUBMITTED: October 5, 1957

1. Gamma radiation--Analysis 2. Electrons--Measurement

Card 3/3

KHATSKEVICH, N. I. and ZHABREV, D. V.

"The Origin of Oil Field Waters," Neft. Khoz., No.12, 1951

LISTENGARTEN, R.M.; KHATSKEVICH, N.I.

Comparing the composition of petroleums with the geochemical characteristics of enclosing sediments. Trudy AzNII DN no.9:30-36 '60. (MIRA 14:5)
(Petroleum—Analysis)
(Geochemical prospecting)

AKHMEDOV, G.A.; KHATSKEVICH, N.I.; LISTENGARTEN, R.M.; PAVLOVA, V.A.; SARUKHANOVA, N.A.

Possible oil-forming series in Cretaceous sediments of the Caspian-Kuba area. Trudy AzNII DN no.10:19-30 '60. (MIRA 14:4)
(Azerbaijan—Petroleum geology)

KHATSKEVICH, N.I.

Some data on the nature of Azerbaijan Mezosoic waters. Trudy AzNII DN no.4:306-309 '56. (MIRA 14:4)
(Azerbaijan—Water, Underground)

KHATSKEVICH, N.I.; MANGASAROVA, A.G.

Minor elements in the formation waters of Azerbaijan petroliferous series. Trudy AzNII DN no.4:310-316 '56. (MIRA 14:4)
(Azerbaijan--Oil field brines) (Trace elements)

KHATSKEVICH, S.M.

Organization of the district center pharmacy. Apt. delo. 4 no. 6: 41-43 N-D '55. (MLRA 9:1)

1. Iz Kurskogo oblastnogo otdela GAPU.
(PHARMACY,
in Russia, organiz. of regional center pharm.)

KHATSKEVICH, S.M., provizor

From the work practice of pharmacies of Kursk Province, R.S.F.S.R.
Apt.dela 6 no.4:42-43 Jl-Ag '57. (MLRA 10:9)
(KURSK PROVINCE--PHARMACY)

KHATSKEVICH, S.P., insh.

Possibility of voltage adjustment at the intermediate points of a half-wave line. Izv. vys. ucheb. zav.; energ. 2 no.7:11-14 Jl '59. (MIRA 13:1)

1. Novosibirskiy elektrotekhnicheskiy institut.
(Electric power distribution)

BURMISTROV, N.A.; KOROBEYNIKOVA, A.D.; KHATSKEVICH, V.S.; SOSIN, M.A.; OSOKINA, K.I.; BOZHKO, V.S.; MOSKALEV, I.A.; GOGIN, N.M.; DANILKINA, V.I.; BEZRUCHENKO, I.Ya.

Experience in competing for the right to be called an enterprise of communist labor. Vest. sviazi 21 no.11:22-25 N '61. (MIRA 14:11)

1. Nachal'nik Pervomayskoy kontory svyazi g. Moskvy (for Burmistrov). 2. Nachal'nik otdeleniya svyazi Kupino, Shebekinskogo rayona, Belgorodskoy obl. (for Korobeynikova). 3. Nachal'nik Noginskoy rayonnoy kontory svyazi Moskovskoy obl. (for Khatskevich). 4. Nachal'nik Teykovskoy kontory svyazi Ivanovskoy obl. (for Sosin). 5. Nachal'nik 16-go otdeleniya svyazi Dzerzhinska, Gor'kovskoy obl. (for Osokina). 6. Nachal'nik Sovetskoy kontory svyazi Kaliningradskoy oblasti (for Bozhko). 7. Nachal'nik Sovetskoy kontory svyazi Kurskoy obl. (for Moskalev). 8. Nachal'nik Kanavinskoy kontory svyazi g. Gor'kogo (for Gogin). 9. Nachal'nik Shchelkanovskogo otdeleniya svyazi Yukhnovskogo rayona, Kaluzhskoy obl. (for Danilkina). 10. Nachal'nik Bobrovskoy rayonnoy kontory svyazi Voronezhskoy oblasti (for Bezruchenko).

(Telecommunication--Employees)

L 10279-63 EWT(1)/BDS--AFFTC/ASD
ACCESSION NR: AP3001130 S/0108/63/018/006/0062/0070

52

AUTHOR: Karatetskiy, S. S.; Kornilov, S. A.; Khat'kevich, Ye. I. Members of the [illegible]

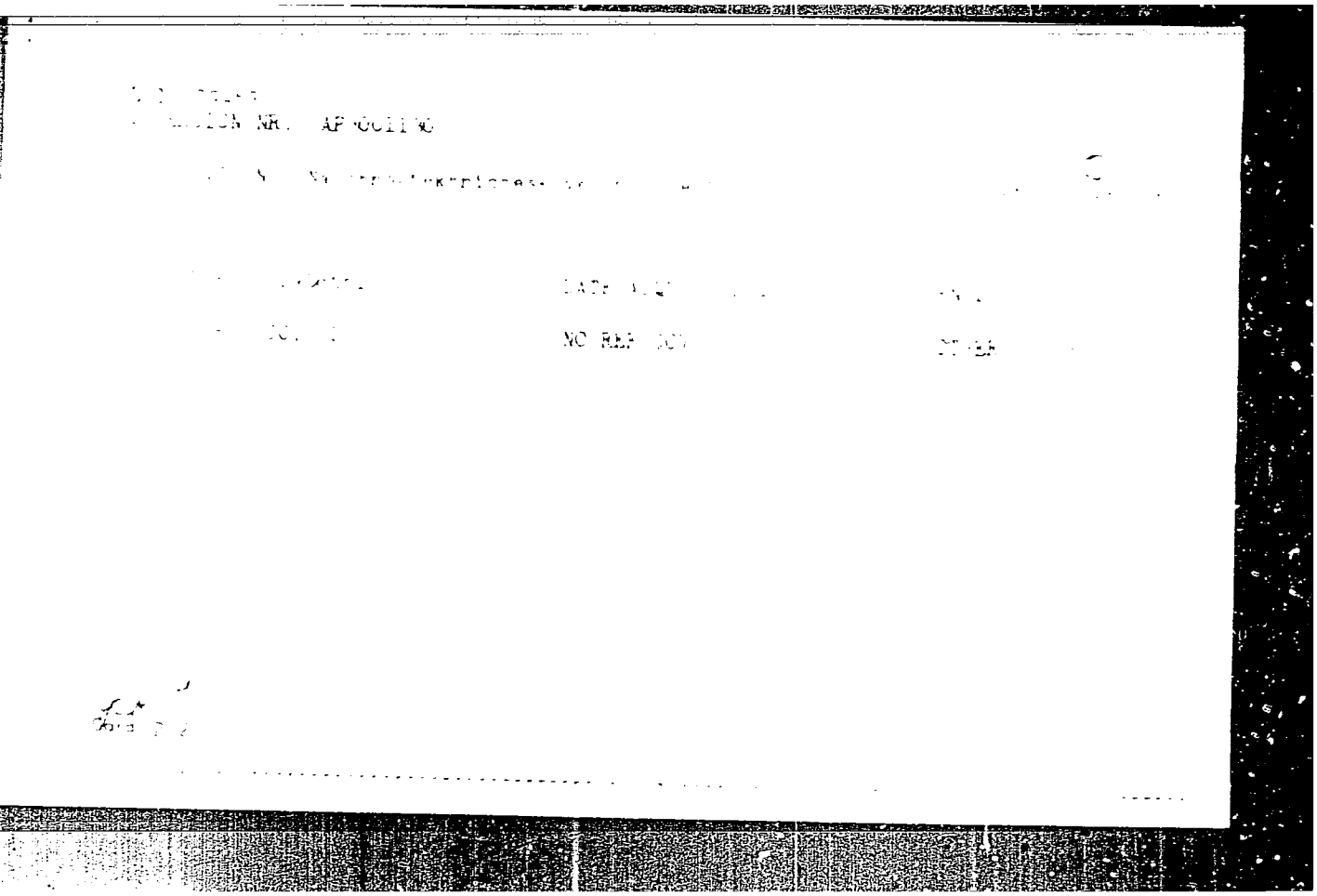
TITLE: Potentialities of the coherent method of measuring low-frequency fluctuations in [illegible] SHF oscillators

SOURCE: Radiotekhnika, v. 18, no. 6, 1963, 62-70

TOPIC TAGS: SHF oscillator; measuring SHF fluctuations

[illegible] measuring low-frequency [illegible] the detector amplifier receives (a) measurand fluctuations and (b) crystal noise power spectral density, at frequencies under [illegible]

[illegible] measuring [illegible] in a reflex klystron within 40 mc down to hundreds kc. Potentialities of the two-channel method [illegible] mathematically in the article. [illegible] methods are considered, and the maximum sensitivity of the method is determined in terms of detector and measuring-circuit parameters. Orig. art. has [illegible] formulas and 4 figures



TREYVAS, G., inzhener-tekhnolog; KHATSKIN, K., inzhener-tekhnolog.

Increasing the heat resistance of piston heads on internal combustion marine engines. Mor. flot 16 no.10:18-20 O '56. (MLRA 9:11)

1. Rizhskoye sudostroitel'no-sudoremontnyy zavod.
(Marine diesel engines) (Pistons)

TRUFANOV, B.; MOLDAVSKIY, M., inzh.; KHATSKIN, K., inzh.

Acid cleaning of hot-water heating pipes. Mor. flot 18 no.12: 17-18 D '58. (MIRA 12:1)

1.Nachal'nik laboratorii Rizhskogo SRZ (for Trufanov). 2.Sudostroitel'nyy Rizhskiy zavod (for Moldavskiy, Khatskin).
(Heating pipes--Cleaning)

STEPANYUK, Ye., kand.tekhn.nauk; KHATSKLIN, L.,inzh.

Some data on water resistance to the movement of sectional trains. Rech. transp. 19 no.4:16-19 Ap '60. (MIRA 14:3)
(Hydraulics) (Towing)

KHATSKIN, K., inzh; VASIL'YEV, V., inzh.

Adopting ship structures made of aluminum-magnesium alloys.
Mor. flot 21 no. 6:29-30 Je '61. (MIRA 14:6)

1. Rizhskiy sudoremontnyy zavod.
(Ships--Maintenance and repair)
(Aluminum-magnesium alloys)

CHERNYUSKI, I., kandydat sel'skagaspadarchykh navuk; ANDREYEVA, N., kandydat sel'skagaspadarchykh navuk; KHATS'KO, A., kandydat sel'skagaspadarchykh navuk

Distribution of sugar beets in the White Russian S.S.R. and methods of increasing yield. Vestsi AN BSSR no.5:24-25 S-O '54. (MLRA 8:9)

(White Russia--Sugar beets)

KOSACH, Aleksandr Konstantinovich; KHATS'KO, Boris Antonovich; BUROV, A., red.; KHOREVSKIY, V., tekhn.red.

[Nesvizh; brief sketch of the city and sanatorium] Nesvizh; kratkii ocherk o gorode i sanatorii. Minsk, Gos.izd-vo BSSR, Red.sotsial'no-ekon.lit-ry, 1959. 43 p. (MIRA 13:4)
(NESVIZH--HISTORY) (NESVIZH--SANATORIUMS)

KOSACH, Aleksandr Konstantinovich; KHATS'KO, B.A.

[Nesvizh; a brief sketch] Nesvizh; kratkii ocherk. 2. dop. izd. Minsk, Gosizdat BSSR, 1962. 64 p. (MIRA 16:4)
(Nesvizh--Description)

KHATSKO, M. S.

USSR/Metals - Welding Aug 50

"Welding Under Flux of Pieces Intricate in Shape," Ya. A. Zav'yalov Engr, M. S. Khatsko, V. I. Makhanov

"Avtogen Delo" No 8, pp 15-17

Discusses methods for automatic welding under flux of pieces with complicated shapes, e.g., elliptical. Recommends evolution of such shapes into planes with subsequent rolling of these planes after welding into requires space figures. This permits application of welding methods for straight joints on horizontal plane, and thus eliminates designing of bulky and complicated equipment since universal device for welding flat sheets may be used.

PA 167T69

VAYNSHTEYN, E.; KHATS'KO, Ye.

Practical training of students in State Bank branches. Den. i kred. 18 no.10:57-63 O '60. (MIRA 13:10)
(Finance--Study and teaching)
(Banks and banking)

KHATS'KO, Zh.P.

White Russian research within the program of the International Geophysical Year. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.1:93-95 '59. (MIRA 12:6)
(White Russia--International Geophysical Year)

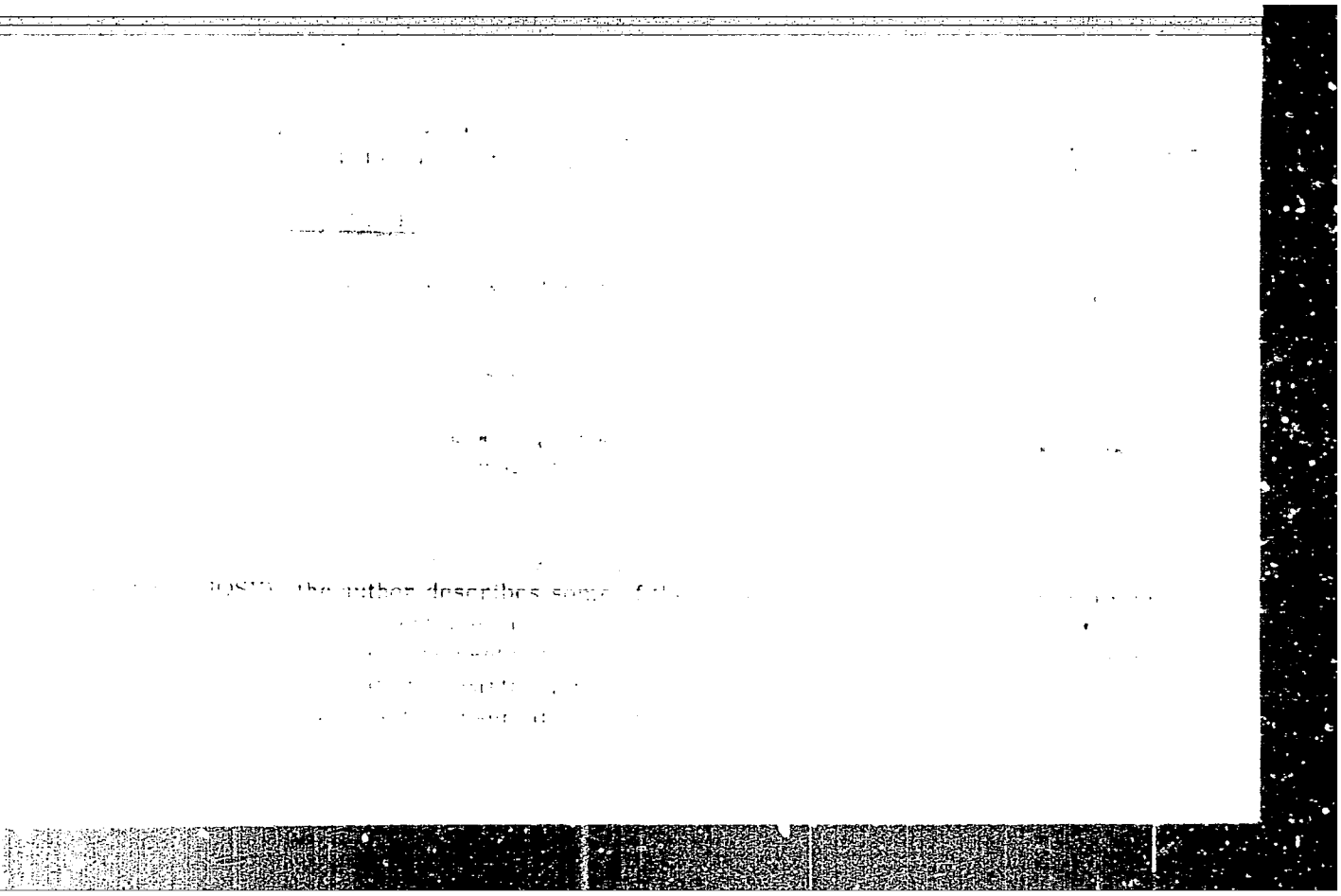
[redacted], Zh.P.

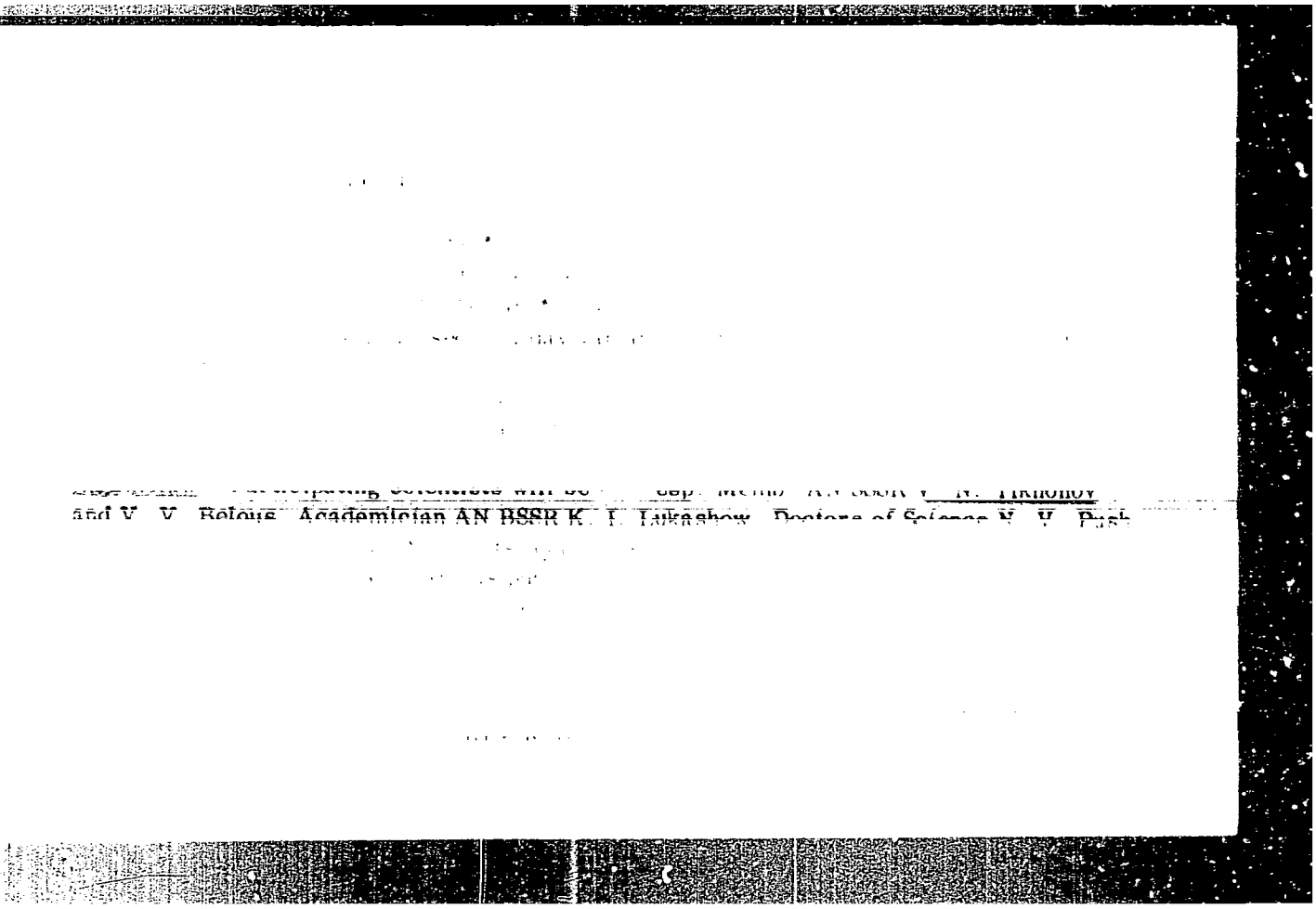
Outstanding naturalist and explorer; on the 100th anniversary of the death of A.Humboldt. Vestn. Akad. nauk SSSR. Ser. fiz.-tekh. nauk no.2:121-127 '59. (MIRA 12:11)
(Humboldt, Alexander, 1769-1859)

BONDARENKO, B.V. [Bandarenka, B.V.]; KHATS'KO, Zh.P.

Conclusions from using geophysical surveys in making geological maps of the crystalline foundation of the White Russian-Lithuanian massif. Vestsi AN BSSR. Ser.fiz.-tekh.nav. no.2:90-100 '60. (MIRA 13:10)

(White Russia--Geology--Maps) (Geophysics)





and V V Belous Academician AN BSSR K I Lukashow Doctors of Science V V Pust

KHATSUKOV, A.A.

Late observations on the course of glaucoma in aphakic eyes.
Sbor. nauch. trud. SOGMI no.14:91-95 '63. (MIRA 18:9)

1. Iz kafedry glaznykh bolezney Severo-Osetinskogo meditsinskogo instituta (zav. kafedroy - prof. M.N. Bugulov).

IGNAT'YEV, M.V.; Prinimal uchastiye: KHATSUR, A.D., metodist lechebony gimnastiki

Oxyhemometric studies of atherosclerosis. Sov. med. 25 no.7: 35-38 Jl '61. (MIRA 15:1)

1. Iz klinicheskogo sanatoriya "Arkhangel'skoye" Moskovskoy oblasti (nachal'nik - kand.med.nauk M.M.Gilenko).
(ARTERIOSCLEROSIS) (BLOOD--OXYGEN CONTENT)

EMPAKHER, Adam B.[Empacher, Adam B.]; KHATSYANOV, F.G.[translator]; SHILEYKO, A.V., kand. tekhn. nauk, red.; LEVENSHTEYN, G.V., red.

[Power of analogies. Translated from the Polish] Sila analogii. Pod red. A.V.Shileiko. Moskva, Mir, 1965. 152 p. (MIRA 19:1)

ACC NR: AM6014345 Monograph UR/

Mironov, Konstantin Andreyevich; Khatsyanov, Feliks Grigor'yevich; Shegal, Genrikh L'vovich; Shipetin, Lev Iosifovich; YAnovskiy, Petr Illarionovich

Technology of automatic control systems design; reference materials (Tekhnika proyektirovaniya sistem avtomatizatsii; spravochnyye materialy) Moscow, Izd-vo "Mashinostroyeniye", 1966, 702 p. illus., biblio., tables. Errata slip inserted. 16,500 copies printed.

TOPIC TAGS: automation, automatic control, electric control system, pneumatic control system, automatic control design, automatic control circuit

PURPOSE AND COVERAGE: This book is intended for technical personnel concerned with the planning of automation systems for technological processes. It can also be useful to students at schools of higher technical education and technical schools. The book contains documentary references concerning the design of automation systems and gives examples of projects based on the plans, norms, and manuals of the leading design organizations of the USSR. In addition to the above, the book contains recommendations regarding the selection of means of automation, methods of designing control, signaling, and

Card 1/9 UDC 658.52.011.56.001.12

ACC NR: AM6014345

automatic regulation circuits, the arrangement of control panels, methods of computing automatic regulation systems, choke-adjustment units, and the tapered devices of flow-meters. Data on the equipment and assembly materials used in the systems for automation-control and regulation of technological processes are presented.

TABLE OF CONTENTS:

ACC NR: AM6014345

Card 4/9

ACC NR: AM6014345

Card 5/9

ACC NR. AM6014345

Card 6/9

ACC NR: AM6014345

Card 7/9

ACC NR: AM6014345

Card 8/9

ACC NR: AM6014345

SUB CODE: 13/ SUBM DATE: 18Nov65/ ORIG REF: 121/ OTH REF: 003

Card 9/9

MELENT'YEV, A.A.; [deceased]; PREDE, V.Yu., red.; KHATSYANOV, G.Z., red.
MEDVEDEVA, M.A., tekhn. red.

[Masters of high speed train traffic] Mastera skorostnogo prodvizheniia poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 73 p. (MIRA 14:8)
(Railroads—Traffic)

KHATTAB, Samir A. (Veszprem, Wartha Vince u.2-6); MARKO, Laszlo, dr. (Veszprem, Wartha Vince u.2-6)

Behavior of organic sulphur compounds under the conditions of oxo synthesis. Acta chimica Hung 40 no.4:471-473 '64.

1. Hungarian Oil and Gas Research Institute, Veszprem.

KHATUKAYEVA, Zh.M.; GUTMAN, L.N.

Problem of the crossing of a cold air mass over a mountain range, taking into account a decrease in the density of the air as the altitude becomes higher. Izv. AN SSSR. Ser. geofiz. no.9:1251-1260 S '62. (MIRA 15:8)

1. Kabardino-Balkarskiy gosudarstvennyy universitet.
(Winds) (Mountains)

TRAUBE, Ye.S., inzh.; KHATULEV, Ye.A., inzh.

Use of powerful mining machinery motors in mine section electric systems. Ugol' Ukr. 3 no.3:17-20 Mr '59. (MIRA 12:5)

(Mining machinery--Electric driving)
(Electricity in mining)

KHATUNTSEV, A.I.

NIKONOV, Ye.Ye.; KHATUNTSEV, A.I.; GORODETSKIY, V.M., red.; MORSKOY, K.L., red. izd-va; SOLNTSEVA, L.M., tekhn. red.

[Housing construction in Moscow; practices of the Moscow Housing Construction Trust] Zhilishchnoe stroitel'stvo v Moskve; iz opyta raboty Moskovskogo gosudarstvennogo ordena Lenina i ordena Trudovogo Krasnogo Znameni stroitel'nogo tresta Moszhilstroi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 81 p. (MIRA 11:7)

(Moscow--Housing)

KHATUNTSEV, D.I. (Kemerovo)

"Work" of the great spotted woodpecker. Priroda 52 no.8:100-101 Ag '63. (MIRA 16:9)

(No subject headings)

L 20607-66 EWT(d)/EWT(l)/EWT(m)/EWP(h)/T-2 IJP

ACC NR: AP6003291 SOURCE CODE: UR/0220/65/000/001/0045/0050

[illegible], V. (Colonel; Meritorious test pilot [illegible]); [illegible], Zhatuntsev, I. (Engineer; Lieutenant colonel)

ORG: none

TITLE: Unforeseen incidents on a helicopter

SOURCE: Aviatsiya kosmonavtika, no. 1, 1966, 45-50

TOPIC TAGS: helicopter, helicopter rotor, flying training

ABSTRACT: The safe flying and landing of the Mi-6 helicopter with one or both engines cut off depends mainly on the flying techniques used. In order to maintain altitude after one engine has been cut off, the pilot must decrease rotor pitch 4—6 degrees in 1.5—2 sec and at the same time increase the power of the remaining engine. Horizontal flight can be maintained at speeds of 130—150 km/hr and at an altitude of approximately 1000 m with the rotor rpm at 80—82 % and only one engine operating. With the abrupt failure of one engine the pilot should use the control handle for both engines to decrease rotor pitch. If the pilot uses the handle for controlling only one engine, and he is not certain which engine malfunctioned, he may turn the wrong handle, thus losing too much time and possibly causing complete loss of control of the helicopter. For training purposes, flight with one engine is recommended at an altitude of 1000—1500 m and at a speed of 130—150 km/hr. One engine should be cut off

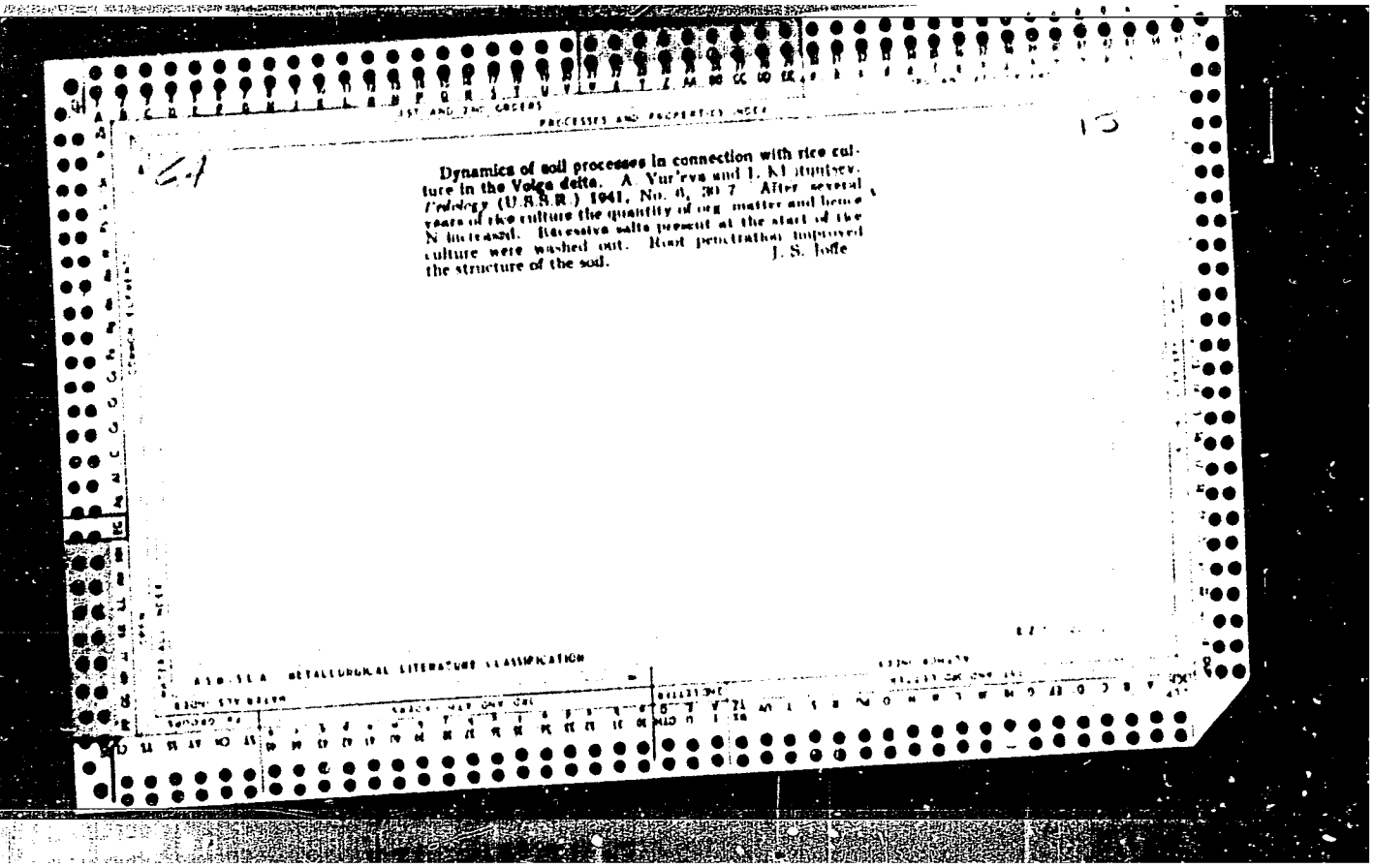
Card 1/2

L 20607-66
ACC NR: AP6003291

by closing a stopcock rather than by decreasing the supply of gas, since this causes vibration in the transmission. Landing on one engine should be at a horizontal flying speed of 130—140 km/hr and at a vertical speed of 2—3 m/sec. At an altitude of 5—6 m the horizontal speed should be decreased to 60—70 km/hr, with the pitch angle set at 8—10 degrees; in this way the helicopter will touch down on its main wheels, and then its nose will drop. The Mi-6 helicopter is equipped with an autorotation system and can make power-off landings. If this is done, the rotor pitch is first decreased to 1 degree at an altitude 1000 m; at an altitude of 2000 m the rotor pitch should be set at 4 degrees, and at an altitude of 3000 m it should be set at 5 degrees. At an altitude of 1000 m, with a gliding speed of 140 km/hr, normal take-off load, and 80—82 % rotor rpm (with both engines shut off), speed of descent will be 11 m/sec. With a gliding speed of 120 km/hr (without payload), the loss of altitude will be 10 m/sec; for the same load at a speed of 220 km/hr the loss in altitude is maximum and will be 17—18 m/sec. For a gliding speed of 200 km/hr, and with the rotor set at 15 degrees, the loss in altitude will increase by 2 m/sec. Landing with a gliding speed of 100 km/hr, the angle of descent will sharply decrease (by 26—27 degrees), thus making landing highly complicated. [WH]

SUB CODE: 01/ SUBM DATE: none/ ATD PRESS: 4226

Card 2/2



Dynamics of soil processes in connection with rice culture in the Volga delta. A Yur'eva and I. Al'shutsev. *Pedology (U.S.S.R.)* 1941, No. 6, 30-7. After several years of the culture the quantity of org. matter and hence N increased. Recessive salts present at the start of the culture were washed out. Root penetration improved the structure of the soil. J. S. Joffe

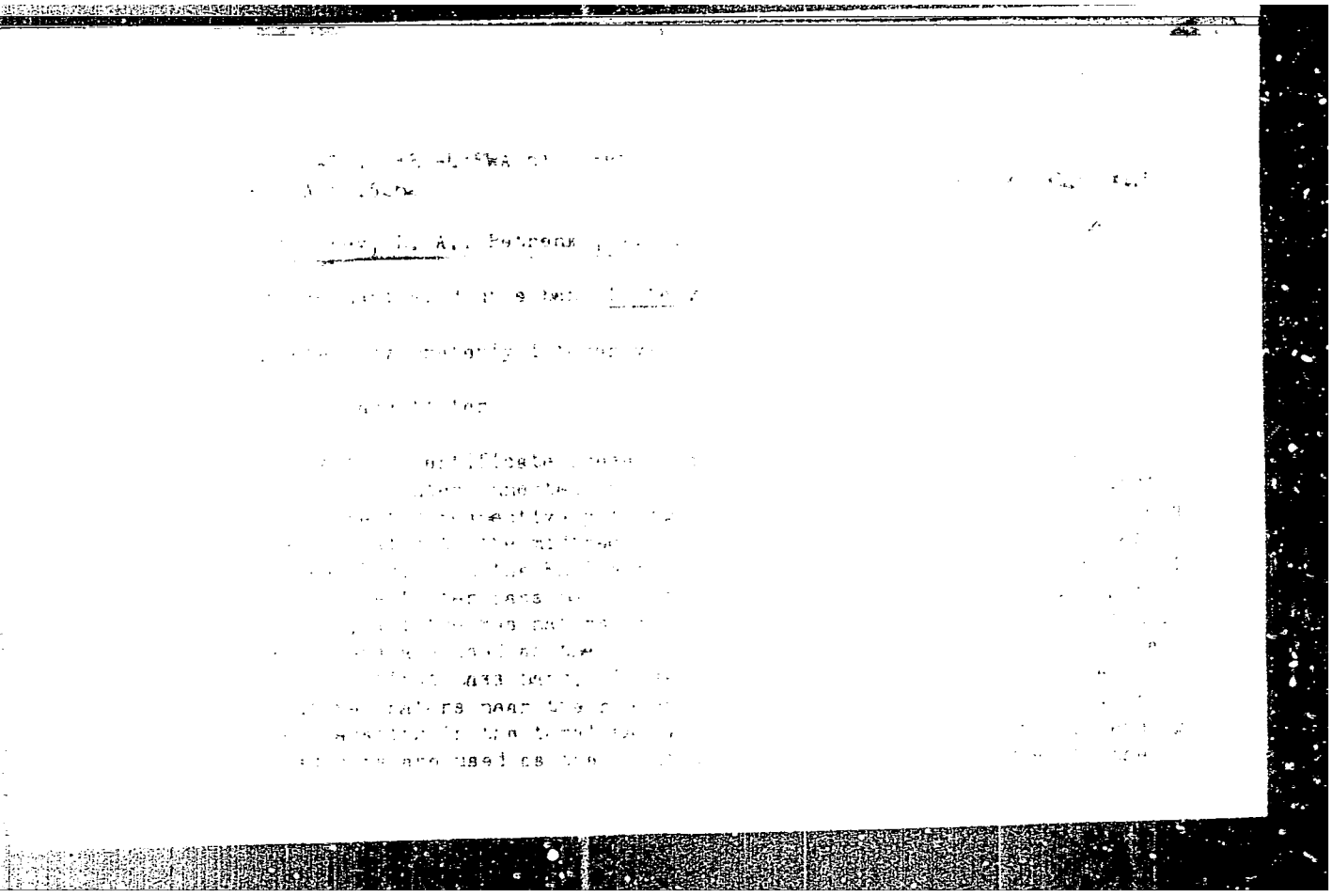
1. KHATUNTSEV, I. A.

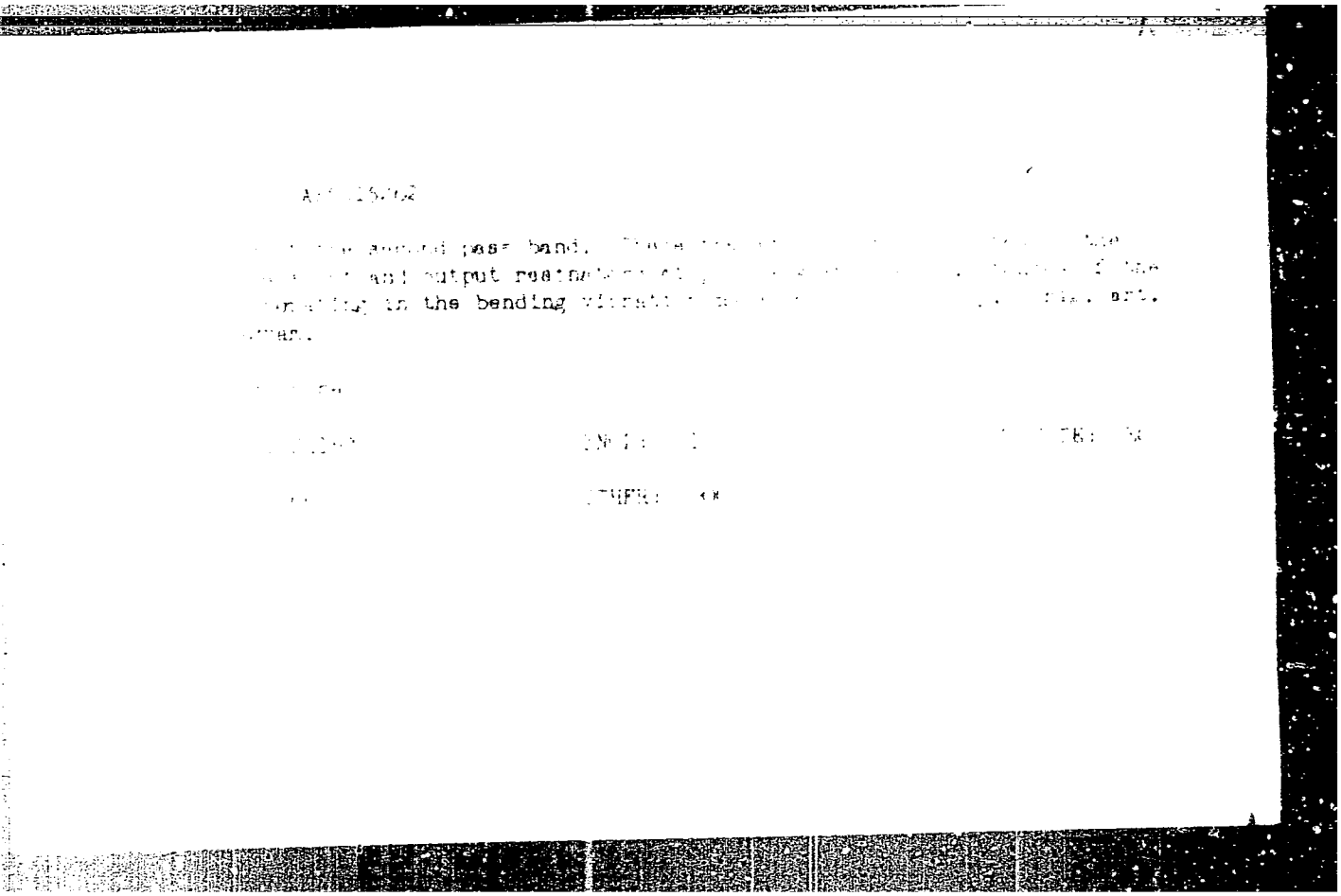
2. USSR (600)

4. Clover - Vladimir Province

7. Planting of clover in Vladimir Province. Sel. i sem. 19 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.





30860. KHATUNTSEV, N. AND KAZANSKIY, L.

O metodakh zamorazhivaniya pyby. Kholodil. tekhnika, 1949, No. 3, 25-28.

KHATUNTSEV, N.A.

PAVLOV, Yevgeniy Grigor'yevich; IVANOV, V.M., inzhener, retsenzent; KHATUNTSEV, N.A., retsenzent; ZAYTSEV, V.P., kandidat tekhnicheskikh nauk, spetsredaktor; MOROZOVA, I.I., redaktor; GOTLIB, E.M., tekhnicheskiy redaktor

[Refrigeration on ships of the fishing industry] Kholod na sudakh rybnoi promyshlennosti. Moskva, Pishchepromizdat, 1956. 237 p.
(Refrigeration on ships) (MLRA 10:1)

KHATUNTSEV, V.

Increase the role of local budgets and change the procedure for their preparation. Fin.SSSR 20 no.12:47-51 D '59. (MIRA 12:12)

(Budget)

KHATUNTSEV V.V.

MORGUNOV, I.I.; KHATUNTSEV, V.V.

Possibility of production of the phenomenon of paradoxical sensitivity with toxic products of dysentery bacilli. Biul.eksp.biol. i med. 38 no.8:48-51 Ag '54. (MLRA 7:9)

1. Iz Ukrainskogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. kand. meditsinskikh nauk S.N.Terekhov), Kiyev.

(SHIGELLA,
dysenteriae, toxin, prod. of phenomenon of paradoxical sensitivity)
(ALLERGY, experimental,
paradoxical sensitivity phenomenon, prod. with Shigella dysenteriae toxin)

MORGUNOV, I.N.; KHATUNTSEV, V.V.

Significance of immunologic specificity in the phenomenon of paradox sensitivity to toxins. Biul.eksp.biol.i med. 37 no.3: 49-53 Mr '54. (MLRA 7:6)

1. Iz Ukrainskogo instituta epidemiologii, mikrobiologii i gigiyeny (dr. kandidat meditsinskikh nauk S.N.Terekhov)
(BACTERIA,
*toxins, sensitivity of animals to single large dose & repeated small doses)

KHATUNTSEV V.V.

MORGUNOV, I.N.; KHATUNTSEV, V.V.

Significance of doses and intervals in the summation of stimulation from tetanus toxin. Zhur.mikrobiol.epid.i immun. no.5:34-38 '55. (MLRA 8:7)

1. Iz Udrainskogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. -kandidat meditsinskikh nauk S.N.Terekhov).

(TETANUS,
toxin, role of dos. & frequency of admin. on summation of eff.)

Khatuntsev, V. V. and Morgunov, I. N.

About the possibility of producing Bering's phenomenon with staphyiococcal toxins and with those of Bacillus (Clostridium) perfringens.

About the possibility of producing Bering's phenomenon with toxins of Bacillus (Clostridium) histolyticum and Vibrio septicus (Preliminary report)

Summation of toxic stimulation with the toxin of Bacillus.(Clostridium) oedematiens.

Materialy nauchnykh konferentsii, Kiev, 1959. 298pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Shchuntsev, V. V.

About the possibility of studying the mechanism of botulinus toxication by means of tetanus toxin.

About the possibility of toxic and antigenic irritation after the inoculation of toxin of the types C and E.

About the comparative studies of botulinus toxin of the four types: A, B, C, and E. Report 1.

About the comparative studies of botulinus toxin of the four types: A, B, C, and E. Report 2.

Additional to the question of "chronic" botulism.

Materialy nauchnykh konferentsii, Kiev, 1959. 280pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

MORGUNOV, I.N.; KHATUNTSEV, V.V.

Possibility of reproducing the phenomenon of paradoxical sensitivity with reference to the toxins of staphylococci and Bac perfrigens. Biul. eksp. biol. i med. 49 no.3:73-76 Mr '60. (MIRA 14:5)

1. Iz Kiyevskogo instituta epidemiologii i mikrobiologii (dir. - kandidat meditsinskikh nauk S.N.Terekhov). Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.
(STAPHYLOCOCCUS) (CLOSTRIDIUM PERFRIGENS)
(TOXINS AND ANTITOXINS)

KHATUNTSEVA, A. Ya.

"Certain Cases of High-Temperature Substitutions of Cordierite" (Mineralogy, Silicates) Geologichniy zh. 13, No 1, 1953, pp 63-65

Abs

W-31146, 1 Feb 55

KHAT-UNTSEVA, A. YA.

USSR

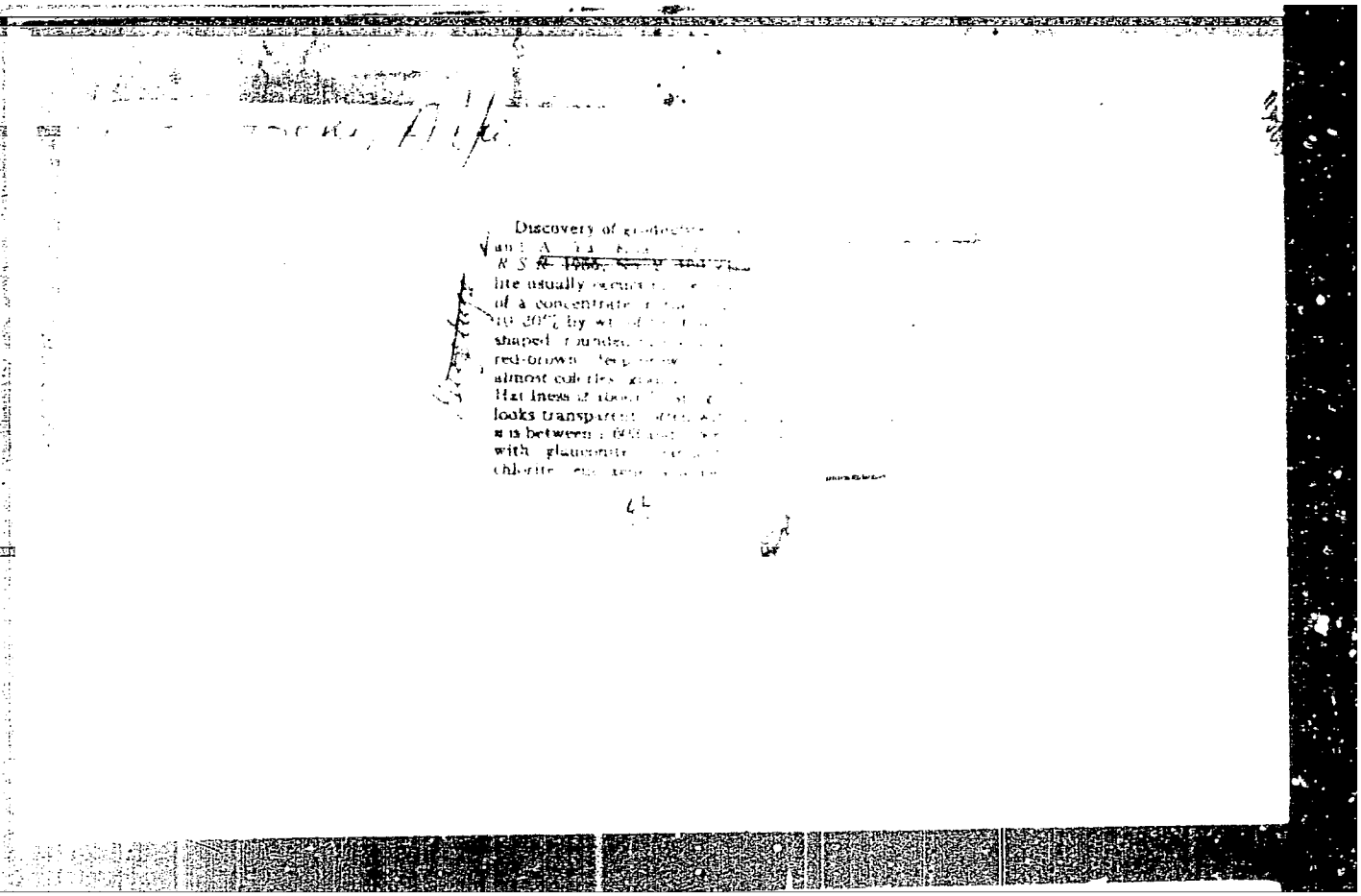
Card [illegible]

Authors : [illegible], V. S., and Khatuntseva, A. Ya.

Title : The [illegible] of glauconite

Periodical : Dok. AN SSSR 101/1, 151-153, Mar 1, 1955

Abstract : Facts are presented proving that glauconite (comprises iron, potassium, [illegible] calcium [illegible] of sedimentary origin but [illegible]



Discovery of g[illegible]

[illegible] A [illegible]

R S [illegible]

lite usually [illegible]

of a concentrate [illegible]

to 60% by [illegible]

shaped [illegible]

red-brown [illegible]

almost colorless [illegible]

Hardness [illegible]

looks transparent [illegible]

it is between [illegible]

with [illegible]

chlorite [illegible]

4L

KHATUNTSEVA, A. YA.

USSR/Cosmochemistry - Geochemistry. Hydrochemistry, D

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61322

Author: Dyadchenko, M. G., Khatuntseva, A. Ya.

Institution: None

Title: Instances of Glauconite Formation Under Continental Conditions

Original Periodical: Zap. Vses. mineral. o-va, 1956, 85, No 1, 49-57

Abstract: Hypergenic glauconite, as compared with marine, contains (in %): decreased amount SiO_2 (47.0) and Al_2O_3 (4.2-6.8); higher amount Fe_2O_3 (21.4-21.8), FeO (3.02-3.16), K_2O (6.54-7.25). In weakly oxidizing medium of ground waters took place a process of hydrolysis of the minerals of eruptive rocks and formation of sols of silicic acid, colloidal clayey and ferruginous products. As a result of coagulation of positive sols of $Al(OH)_3$ and $Fe(OH)_3$ with negative SiO_2 with participation of biogenic factors were formed complex coagels which sorbed cations K^+, Fe^{2+}, Mg^{2+}, Ca^{2+}, etc. Separation from solution of complex coagel, corresponding

Card 1/2

USSR/Cosmochemistry - Geochemistry. Hydrochemistry, D

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61322

Abstract: in composition to glauconite, occurred under definite conditions depending on pH, oxygen potential and decomposition products of organic substances.

Card 2/2

KHATUNTSEVA, A. YA.

21-6-12/22

AUTHORS: Khatuntseva, A.Ya., Romodanova, A.P., and Gurvich (Hurvich), S.I.

TITLE: Tin-Bearing Deposits of the Northern Outskirts of the Ukrainian Crystalline Shield (Olovonosnyye rossypi severnoy okrainy Ukrainskogo kristallicheskogo shchita)

PERIODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1957, No 6, pp 584-586 (USSR)

ABSTRACT: The paper presents data refuting the established notion that it is hopeless to survey for tin within the boundaries of the Ukrainian SSR. During the last years, cassiterite deposits were discovered in the northern outskirts of the Ukrainian SSR and are now being surveyed. The richest tin-bearing deposits having the most regular outlines are associated with the buried negative forms of relief within the watershed spaces of the Poles'ye peneplain. Tin-bearing sands occur usually on kaolins at the base of Paleogene glauconite-containing sediments. The content of cassiterite in the productive layer varies from 100 to 900 g per m^3, amounting sometimes to 2 to 4 kg/m^3. The mineralogical study of the erosion crust in the region of deposit occurrence has shown that cassiterite is not an accessory mineral. Of the main importance will apparently be tin-ore

Card 1/2

21-6-12/22

Tin-Bearing Deposits of the Northern Outskirts of the Ukrainian Crystalline Shield

bodies of the quartz-cassiterite formation accompanied with tantalum-niobium, zirconium-hafnium, tungsten, or some other mineralization.
There are 4 Slavic references.

ASSOCIATION: Institute of Geological Sciences of the AN Ukrainian SSR (Instytut heolohichnykh nauk AN URSR)

PRESENTED: By N.P. (M.P.) Semenenko, Member of the AN Ukrainian SSR

SUBMITTED: 8 March 1957

AVAILABLE: Library of Congress

Card 2/2

DIADCHENKO, M.G.; KHATUNTSEVA, A.Ya.

First Republic conference on alloying nonferrous and rare metals and titanium. Geol. shur. 17 no.2:91-92 '57. (MLRA 10:11)
(Metallurgy)

KHATUNTSEVA A. YA

VEKLICH, M.F. [Veklych, M.F.]; DYADCHENKO, M.G. [Diadchenko, M.H.]; ZAMORIY, P.K. [Zamoryi, P.K.]; ROMODANOVA, A.P.; KHATUNTSEVA, A.Ya. [Khatuntseva, A.IA.]

Principal characteristics of the geology of Ukrainian placers. Geol. zhur. 17 no.3:40-47 '57. (MIRA 11:2)
(Ukraine--Ore deposits)

DYADCHENKO, M.G.; KHATUNTSEVA, A.Ya.

Titanomagnetites and magnetic ilmenites from sedimentary sediments and the weathering crust in contact zones of basic masic massifs in the Korosten' complex. Min.sbor. no.12: 424-428 '58. (MIRA 13:2)

1. Institut geologicheskikh nauk AN USSR, Kiyev.
(Korosten' region--Titanomagnetite)
(Korosten' region--Ilmenite)

SOV/21-59-6-20/27

AUTHORS: Hurvych, S. I., Levkivs'ka, N. Yu. (N.Yu. Levkovskaya) and Khatuntseva, A.Ya. (Gurvich, S.I.)

TITLE: On a Mineralogical Find of Tungsten Minerals in Volyn'

PERIODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1959, Nr 6, pp 659 - 661 (USSR)

ABSTRACT: The authors report on a find of tungsten minerals made in the North-Western section of the Ukrainian crystalline shield in 1956. The wolframite encountered for the first time was in foliated pieces with black, nontransparent grains. Some pieces had, however, dark red and red color, ranged from nontransparent to almost transparent. In some instances, the wolframite was found in combination with the quartz, and in separate instances in combination with the arsenopyrite. The majority of grains were within 0.6 - 0.1 mm, some reached a size of 2 - 3 mm. The chemical examinations made by B. V. Myrs'ka (table 1), and the x-ray examinations made by A. O. Karpenko (table 2), confirmed the materials as being basically wolframite, combined with an almost equal number of ferberite and huebnerite molecules.

Card 1/2

On a Mineralogical Find of Tungsten Minerals in Volyn'

Leaving out some insignificant impurities, the two chemical examinations have established the following crystallo-chemical formulas:

1) $(Fe_{0,41}\ Mn_{0,59})\ WO_4$; 2) $(Fe_{0,46}\ Mn_{0,54})\ WO_4$.

The x-ray examination was done with the use of Fe radiation in a Debay chamber of 57.3 mm in diameter, with a Mn filter, at an exposure of 12.5 hours. Isolated sheelite grains have also been found. Under the microscope they appeared to be of more or less isotermic forms, of even optical weight, were found to be positive and possessing a rather low index of double refraction, yet an index of single refraction exceeding 1.78. There are 2 tables and 1 photo.

ASSOCIATION: Institut geologicheskikn nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By N. P. Semenenko, Member, AS UkrSSR

SUBMITTED: July 8, 1958

Card 2/2

KHATUNTSEVA, A.Ya.; BEZPAL'KO, N.A.

Find of accessory phenakite in Volhynia. Dop.AN URSR no.6: 825-828 '60. (MIRA 13:7)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom AN USSR N.P.Semenenko [M.P.Semenenko].
(Zhitomir Province—Phenakite)

DYADCHENKO, M.G.; KHATUNTSEVA, A.Ya.

Stages in the alteration of ilmenite under supergene conditions. (MIRA 15:6)
Vop. min. osad. obr. 6:181-208 '61.
(Ilmenite) (Weathering)

KHATUNTSEVA, A.Ya.; ROMODANOVA, A.P.

Mineralogical characteristics of Mesozoic continental sediments in the Uzh Basin. Trudy Inst.geol.nauk AN URSR. Ser.petr.,min. ta geokhim. no.6:161-177 '60. (MIRA 15:12)
(Uzh Valley—Mineralogy)

POVARENNYKH, A.S., doktor geol.-miner. nauk, prof., otv. red.; AGAFONOVA, T.N., kand. geol.-miner. nauk, dots., red.; BELEVTSEV, Ya.N., prof., red.; GAVRUSEVICH, B.A., kand. geol.-miner. nauk, dots., red.; GLADKIY, V.N., inzh., red.; IVANTISHIN, M.N., doktor geol.-miner. nauk, red.; PLATONOV, A.N., inzh., red.; KHATUNTSEVA, A.Ya., kand. geol.-miner. nauk, red.; ZAVIRYUKHINA, V.N., red.izd-va; TURBANOVA, I.A., tekhn. red.

[Theoretical and genetic problems of mineralogy and geochemistry] Teoreticheskie i geneticheskie voprosy mineralogii i geokhimii. Kiev, Izd-vo AN USSR, 1963. 165 p. (MIRA 16:12)

1. Akademiya nauk URSR, Kiev. Ukrainskoye otdeleniye Vsesoyuznogo mineralogicheskogo obshchestva. 2. Chlen-korrespondent AN Ukr.SSR (for Belevtsev).
(Mineralogy) (Geochemistry)

PLATONOV, A.N., inzh., otv. red.; POVARENNYKH, A.S., doktor geologo-min. nauk, prof., glav. red.; AGAFONOVA, T.N., kand. geol-min. nauk, dots., red.; BELEVTSEV, Ya.N., prof., red.; GAVRUSEVICH, B.A., kand. geol.-min.nauk, dots., red.; GLADKIY, B.N., inzh., red.; IVANTISHIN, M.N., doktor geol.-miner. nauk, red.; KHATUNTSEVA, A.Ya., kand. geol.-miner. nauk, red.; ZAVIRYUKHINA, V.N., red.; DAKHNO, Yu.M., tekhn. red.

[Annals of the Ukrainian Branch of the All-Union Mineralogical Society] Zapiski Ukrainskogo otdeleniia Vsesoiuznogo mineralogicheskogo obshchestva. Kiev, Izd-vo AN USSR, 1962. 184 p. (MIRA 17:3)

1. Akademiya nauk URSR, Kiev. Ukrainskoye otdeleniye Vsesoyuznogo mineralogicheskogo obshchestva. 2. Chlen-korrespondent AN Ukr.SSR (for Belentsev).

POVARENNYKH, A.S., doktor geol.-miner. nauk, prof., otv. red.; AGAFONOVA, T.N., kand. geol.-miner. nauk, dots., red.; GAVRUSEVICH, B.A., kand. geol.-miner. nauk, dots., red.; GLADKIY, V.N., inzh., red.; IVANTISHIN, M.N., doktor geol.-miner. nauk, red.; LOGVINENKO, N.V., doktor geol.-miner. nauk, prof., red.; PLATONOV, A.N., inzh., red.; KHATUNTSEVA, A.Ya., kand. geol.-miner. nauk, red.; ZAVIRYUKHINA, V.N., red.

[Chemical composition and internal structure of minerals] Khimicheskii sostav i vnutrennee stroenie mineralov. Kiev, Naukova dumka, 1964. 216 p. (MIRA 18:1)

1. Vsesoyuznoye mineralogicheskoye obshchestvo. Ukrainskoye otdeleniye.

DYADCHENKO, M.G. [Diadchenko, M.H.]; KHATUNTSEVA, A.Ya.; TSYMBAL, S.N. [TSymbal, S.M.]

Characteristics of the composition of placers in the Ukraine. Dop. AN URSR no.2:248-250 '65. (MIRA 18:2)

1. Institut geologicheskikh nauk AN UkrSSR.

KHATUNTSEVA, N.V.; RYBACOVA, G.V.

Immunoelectrophoretic analysis of typhoid and paratyphoid A- and B-antigens. Zhur.mikrobiol., epid. i immun. 42 (MIRA 19:2)
no.12:117-121 D '65.

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

KHATUNTSEVA, N.N.; YAKOVLEVA, A.V.; MIRONOVA, M.V.

Preliminary results [of the study] on the nature of substances from paratyphoid B bacteria inhibiting the growth of microbes from the enterotyphoid group. Report No.1. Zhur. mikrobiol., epid. i immun. 33 no.1:63-68 Ja '62. (MIRA 15:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(SALMONELLA PARATYPHI) (SALMONELLA TYPHOSA)
(SHIGELLA DYSENTERIAE)

KHATUNTSEVA, N.V.; MIRONOVA, M.V.

Some properties of substances excreted by paratyphoid B bacteria and inhibiting the growth of microbes of the entero-typhoid group. Zhur. mikrobiol., epid. i immun. 40 no. 8:76-82 Ag '63. (MIRA 17:9)

1. Iz Instituta epidemiologii i mikrobiogii imeni Gamalei AMN SSSR.

CHEKMOTAYEVA, Ye.M., inzh.; CHUKVYSHKINA, S.M., inzh.; KHATUNTSEVA, T.N., inzh.

Power engineering in the Rumanian People's Republic. Energokhoz. za rub. no.6:1-5 N-D '60. (MIRA 14:3)
(Rumania—Electric power)

KHATUNTSEVA, T.N.

Electric power engineering in Poland. Obshch. energ. no.3:138-143 '60. (MIRA 14:3)
(Poland—Electric power)

KHAT'YANOV, F.I.

Geology of the southern part of the cis-Ural Depression and prospecting for reefs. Geol.nefti i gaza 4 no.7:50-55 Je '60 (MIRA 13:8)

1. Trest Bashneftegeofizika.
(Ural Mountain region--Petroleum geology)

KHAT'YANOV, F.I.

Structural zoning of the southern cis-Ural trough based on geophysical data. Vop.geol.vost.okr.Rus.platf.i IUzh.Urala no.7:62-66 '60. (MIRA 14:10)
(Ural Mountain region--Geology, Structural)
(Prospecting--Geophysical methods)

S/169/61/000/011/020/065
D228/D304

AUTHORS: Khat'yanov, F.I., Amirova, A.V., and Ivanova, Z.S.

TITLE: Layer zonality of the speed of seismic waves within certain oil-bearing platform structures of Bashkiriya

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1961, 22 - 23 abstract 11A203 (Sov. geologiya, no. 3, 1961, 97-105)

TEXT: A study was made of the horizontal changes in the layer velocities for a number of oil-bearing structures of Bashkirya. The data of seismic logging and information, obtained during the detailed study of divergences between seismic and borehole data for separate parts of the area, were used. It is established that within a number of areas in Bashkiriya's platform part there is a layer zonality for the elastic wave velocity, density, and porosity in a carbonate rock complex, this being caused by the zonality of the tectonic and environmental conditions. Sharp changes in the velocity are confined to certain structures, and in a number of cases there are zones of reduced velocities. When prospecting gentle

Card 1/2

Layer zonality of the speed of ... S/169/61/000/011/020/065
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structures, the presence of a layer zonation of the velocity may result in an incorrect notion about the form of the uplifts. To take this factor into account it is necessary to increase the resolving power of the apparatus, and the precision of determining the mean velocities, and to analyze carefully the geologic materials with the aim of exposing possible changes in the area's velocity. The data of detailed gravity prospecting may be employed with the same aim. [Abstractor's note: Complete translation].

Card 2/2

KHAT'YANOV, F.I.; IVANOVA, Z.S.; VUL'FOVICH, Yu.G.

Tectonics of the Yuryuzan'-Sylva Depression. Geol.nefti i gaza 6 no.4:36-39 Ap '62. (MIRA 15:4)

1. Trest Bashneftegeofizika.
(Ural Mountain region--Geology, Structural)

OVANESOV, G.P.; KHAT'YANOV, F.I.

Oil and gas possibilities in the Ural Mountain portions of Bashkiria, Orenburg and Aktyulinsk Provinces in connection with the possible extension of Sakmara-Artinskiye reefs within the limits of this area. Sov.geol. 5 no.2:3-16 F '62. (MIRA 15:2)

1. Upravleniye "Bashneft'", Trest "Bashneftegeofizika".
(Ural Mountain region—Prospecting)

KHAT'YANOV, F.I.; TIKHONOVA, V.A.

Reefs and tectonics of the southern cis-Ural region. Dokl.AN SSSR 145 no.2:404-407 Jl '62. (MIRA 15:7)

1. Geofizicheskiy trest "Bashneftegeofizika". Predstavleno akademikom N.M.Strakhovym.
(Ural Mountain region--Geology, Structural)

OGARINOV, I.S.; KHAT'YANOV, F.I.

Eastern boundary of the folded basement of the Russian Platform and its tectonic relationship with the area of Hercynian folding in the Urals. Dokl. AN SSSR 143 no.3:678-681 Mr '62. (MIRA 15:3)

1. Gorno-geologicheskiy institut Bashkirskogo filiala Akademii nauk SSSR. Predstavleno akademikom D.I.Shcherbakovym.
(Russian Platform--Geology, Structural)
(Ural Mountains--Geology, Structural)

KHAT'YANOV, F.I.; SHUL'TS, Ya.I.; KURYAYEVA, V.V.

Seismic prospecting using the controlled directional sensitivity method in search for reef massifs in the southern cis-Ural region. Geol.nefti i gaza 7 no.2:27-33 F '63. (MIRA 16:2)

1. Bashneftegeofizika.
(Ural Mountain region--Seismic prospecting)
(Ural Mountain region--Reefs)

KHAT'YANOV, F.I.

Division of the Ural folded area into platform and geosyncline zones in light of geophysical data. Dokl. AN SSSR 150 no.5:1116-1119 Je '63. (MIRA 16:8)

1. Trest "Bashneftegeofizika", g. Ufa. Predstavleno akademikom D.I.Shcherbakovym.

(Ural Mountain region—Folds (Geology))
(Prospecting—Geophysical methods)

KHAT'YANOV, F.I.

Basic tectonic features of the southern cis-Ural marginal trough based on geophysical data and the results of boring. Dokl. AN SSSR 150 no.3:631-634 My '63. (MIRA 16:6)

1. Trest "Bashneftegeofizika", g. Ufa.
(Ural Mountain region--Geology, Structural)

KHAT'YANOV, F.I.

Convergence of the southern part of the cis-Ural marginal trough with the Caspian Depression and the possible reefs along their margins in the light of geophysical data. Dokl. AN SSSR 157 no.4:859-862 Ag '64 (MIRA 17:8)

1. Trest "Bashneftegeofizika". Predstavleno akademikom N.M. Strakhovym.

MKRTCHYAN, O.M.; KHAT'YANOV, F.I.; SHALAGINOVA, F.P.

Application of seismic prospecting for the exploration of oil-bearing structures affiliated with Upper Devonian reefs. Geol. nefti i gaza 9 no.2:49-53 F '65. (MIRA 18:4)

1. Institut geologii i razrabotki goryuchikh iskopayemykh i trest Bashneftegeofiziki.

KHATYSHEV, K.

"Phosphate Schedule for Turf Podsolic Soils During Grass-Field Rotation." Cand Agr Sci, Inst of Socialized Agriculture, Minsk, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

30621
S/056/61/000/008/034/044
A058/A101

24.2200 (1068 1121, 1164)

AUTHOR: Khatyukov, S. A.

TITLE: Experimental check of the external field sensitivity of the residual magnetization of differently shaped ferromagnetic bodies

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1961, 273, abstract 8E478 ("Nauk. zap. Chernig. derzh. ped. in-t", 1959(1960), v. 4, no. 5, 3-30, [Ukr.])

TEXT: It is shown that the sensitivity to external fields of the residual magnetization of different ferromagnetic materials is different and depends on the dimensions and geometric shape of the body (i.e., a cylinder, a rod, parabolic plates, plane plates, etc.). The sensitivity of the residual magnetization of a ferromagnetic body of a given shape depends on the value of the magnetizing and demagnetizing fields to the action of which the material is subjected. Ferromagnetic bodies in the form of parabolic plates preserve a constant value of residual magnetization in a significant range of magnetizing as well as demagnetizing fields, which distinguishes them markedly from bodies of other shapes (a rod, plane plates). This is explained by the fact that the lengthwise

Card 1/2

30624
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A058/A101

Experimental check of the external field ...

4

cross-sectional area of parabolic plates changes in the same way as that of ellipsoids, which, as is known, possess magnetization homogeneity. This causes virtually constant induction in different cross sections of parabolic plates. Knowing the external field sensitivity of the residual magnetization of different magnetic materials and their shape, it is possible to select from among them the most sensitive for their size and use them as measures of constant magnetic fields, especially in those cases when other measurement methods are unsuitable or cumbersome (under water, in air).

[Abstracter's note: Complete translation.]

Card 2/2